



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:
WP-16J

Jared Walker
Marquis Carbon
jaredwalker@marquisenergy.com

Subject: Underground Injection Control (UIC) Application for a Class VI Injection Well in Hennepin, Illinois

Dear Mr. Walker:

The U.S. Environmental Protection Agency received your application for a UIC Class VI permit on May 12, 2022. We have reviewed your application and determined that it is incomplete. The permitting regulations prohibit EPA from processing an application for a UIC permit until it has met all applicable requirements. Please see Title 40 of the Code of Federal Regulations, § 124.3.

Specifically, the following information is necessary to make your application complete:

- Tubing tensile, burst, and collapse strengths, as required by 40 C.F.R. § 146.86(c)(3)(vii);
- Corrosiveness of the CO₂ stream and formation fluids, as required by 40 C.F.R. § 146.86(b)(1)(v);
- Downhole temperatures, as required by 40 C.F.R. § 146.86(b)(1)(vi);
- The predicted rate of CO₂ trapping, as required by 40 C.F.R. § 146.93(c)(1)(v).

Please submit the information requested above within 30 days of the receipt of this letter. If you have questions, please contact Felicia Chase at (312) 886-0240 or at chase.felicia@epa.gov.

Sincerely,

Stephen M. Jann
Manager, Permits Branch
Water Division